

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017212.D
 Acq On : 13 Nov 2020 15:02
 Operator : SY/VA
 Sample : L4710-20
 Misc : 5.48G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AY3

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 6:51:20 PM

Quant Time: Nov 17 05:04:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	482161	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	402222	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156753	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119602	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.76%
7) Chloroethane-d5	2.89	69	101490	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.76%
10) 1,1-Dichloroethene-d2	4.02	63	176175	16.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.88%
20) 2-Butanone-d5	7.08	46	41941	30.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.76%
24) Chloroform-d	7.65	84	248492	22.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.32%
26) 1,2-Dichloroethane-d4	8.31	65	122002	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.20%
29) Benzene-d6	8.28	84	490948	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	9.27	67	131969	23.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.16%
37) Toluene-d8	10.33	98	468532	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.04%
38) trans-1,3-Dichloropropene-	10.58	79	48583	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.08%
39) 2-Hexanone-d5	10.93	63	34263	34.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93532	18.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	129026	23.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.44%

Target Compounds					Ovalue
13) Acetone	4.12	43	2569m	2.825 ug/L	
16) Methylene chloride	4.92	84	16365	2.517 ug/L	97
44) Toluene	10.39	91	7984	0.343 ug/L	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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